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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Shinichi SASAKI et al.**

Group Art Unit: **2871**

Serial No.: **10/500,287**

Filed: **June 29, 2004**

Confirmation No.: **5209**

For: **POLARIZING PLATE WITH OPTICAL COMPENSATION  
FUNCTION, AND LIQUID CRYSTAL DISPLAY USING THE SAME**

Attorney Docket Number: **042424**

Customer Number: **38834**

**REQUEST FOR CORRECTED FILING RECEIPT**

**Mail Stop: Missing Parts**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

September 1, 2005

Sir:

Please supply the undersigned attorney with a corrected filing receipt for the above-identified application. The undersigned also respectfully requests that the Patent and Trademark Office records be amended to reflect the correction.

In reviewing the Official Filing Receipt, we noted an error in the **Title** and we also noted that the **Assignee's Information** was not recorded. The Title should read --POLARIZING PLATE WITH OPTICAL COMPENSATION FUNCTION, AND LIQUID CRYSTAL DISPLAY DEVICE USING THE SAME--. The Assignee's Information should read --NITTO DENKO CORPORATION, Ibaraki-shi, JAPAN--. A copy of the **Transmittal Letter** and of the **PCT Publication** are enclosed which indicate the correct information. We are also enclosing a copy of the filing receipt with the corrections highlighted.

Request for Corrected Filing Receipt

10/500,287

042424

If any fees are required in connection with this paper, please charge Deposit Account No.  
50-2866.

Respectfully submitted,

**WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP**



Nicolas E. Seckel

Attorney for Applicants

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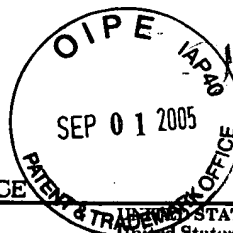
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Enclosures: Official Filing Receipt; Transmittal Letter; PCT Publication



## UNITED STATES PATENT AND TRADEMARK OFFICE

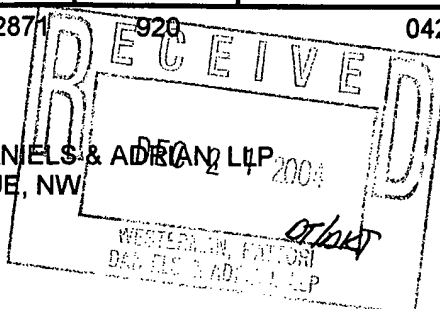


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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/500,287	06/29/2004	2871	920	042424	8	15	2

38834

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 1250 CONNECTICUT AVENUE, NW  
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CONFIRMATION NO. 5209

## FILING RECEIPT



\*OC000000014747073\*

Date Mailed: 12/16/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Shinichi Sasaki, Ibaraki-shi, JAPAN;  
 Takashi Yamaoka, Ibaraki-shi, JAPAN;  
 Nao Murakami, Ibaraki-shi, JAPAN;  
 Hiroyuki Yoshimi, Ibaraki-shi, JAPAN;

Please Insert { Assignment for Published Patent Application  
 :-- NITTO DENKO CORPORATION, Ibaraki-shi, JAPAN--:

Power of Attorney:

Nicolas Seckel-44373

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/01683 02/18/2003

## Foreign Applications

JAPAN 2002-41686 02/19/2002

Projected Publication Date: 03/24/2005

Non-Publication Request: No

Early Publication Request: No

### Title

**Polarizing plate with optical compensation function and liquid crystal display device using the same**

Please Insert a Comma.

## Preliminary Class

349

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

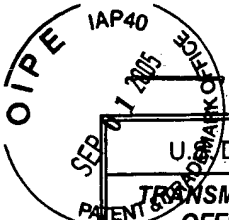
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U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: June 29, 2004
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLN. NO. (if known):
INTERNATIONAL APPLICATION NO.: PCT/JP03/01683	INTERNATIONAL FILING DATE: February 18, 2003	PRIORITY DATE CLAIMED: February 19, 2002
TITLE OF INVENTION: <b>POLARIZING PLATE WITH OPTICAL COMPENSATION FUNCTION, AND LIQUID CRYSTAL DISPLAY USING THE SAME</b>		
APPLICANT(S) FOR DO/EO/US: Shinichi SASAKI, Takashi YAMAOKA, Nao MURAKAMI and Hiroyuki YOSHIMI		
<p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"><li>1. <u>XX</u> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>2. <u>  </u> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>3. <u>XX</u> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (17) indicated below.</li><li>4. <u>XX</u> The US has been elected (Article 31).</li><li>5. <u>XX</u> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):<ol style="list-style-type: none"><li>a. <u>  </u> is transmitted herewith (required only if not transmitted by the International Bureau).</li><li>b. <u>XX</u> has been transmitted by the International Bureau.</li><li>c. <u>  </u> is not required, as the application was filed in the United States Receiving Office (RO/US)</li></ol></li><li>6. <u>XX</u> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none"><li>a. <u>XX</u> is attached hereto.</li><li>b. <u>  </u> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol></li><li>7. <u>XX</u> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none"><li>a. <u>  </u> are transmitted herewith (required only if not transmitted by the International Bureau).</li><li>b. <u>  </u> have been transmitted by the International Bureau.</li><li>c. <u>  </u> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <u>XX</u> have not been made and will not be made.</li></ol></li><li>8. <u>  </u> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li><li>9. <u>XX</u> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li><li>10. <u>  </u> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li></ol> <p><b>ITEMS 11. TO 16. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <ol style="list-style-type: none"><li>11. <u>XX</u> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO-1449.</li><li>12. <u>XX</u> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. ASSIGNEE NAME AND ADDRESS: <u>Nitto Denko Corporation, Ibaraki-shi, Japan</u> Please publish the assignee data with the application.</li><li>13. <u>XX</u> A <b>FIRST</b> preliminary amendment. <u>  </u> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</li><li>14. <u>  </u> A substitute specification.</li><li>15. <u>  </u> A change of power of attorney and/or address letter.</li><li>16. <u>XX</u> Other items or information: 8 sheets of drawings.</li></ol>		

(19) 世界知的所有権機関  
国際事務局



(43) 国際公開日  
2003 年 8 月 28 日 (28.08.2003)

PCT

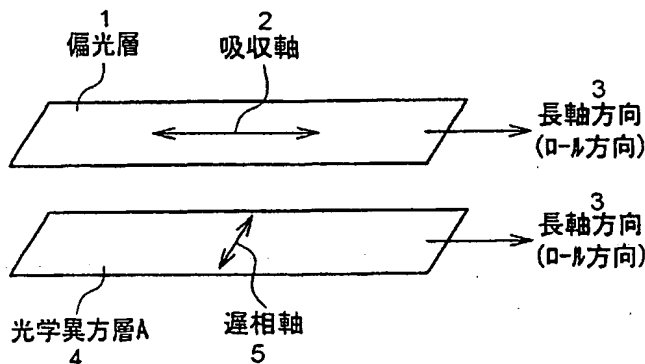
(10) 国際公開番号  
WO 03/071320 A1

- (51) 国際特許分類: G02B 5/30, G02F 1/13363, 1/1335 (72) 発明者; および  
(75) 発明者/出願人 (米国についてののみ): 佐々木 伸一 (SASAKI, Shinichi) [JP/JP]; 〒567-8680 大阪府 茨木市 下穂積1丁目1番2号 日東電工株式会社内 Osaka (JP). 山岡 尚志 (YAMAOKA, Takashi) [JP/JP]; 〒567-8680 大阪府 茨木市 下穂積1丁目1番2号 日東電工株式会社内 Osaka (JP). 村上 奈穂 (MURAKAMI, Nao) [JP/JP]; 〒567-8680 大阪府 茨木市 下穂積1丁目1番2号 日東電工株式会社内 Osaka (JP). 吉見 裕之 (YOSHIMI, Hiroyuki) [JP/JP]; 〒567-8680 大阪府 茨木市 下穂積1丁目1番2号 日東電工株式会社内 Osaka (JP).  
(21) 国際出願番号: PCT/JP03/01683  
(22) 国際出願日: 2003 年 2 月 18 日 (18.02.2003)  
(25) 国際出願の言語: 日本語  
(26) 国際公開の言語: 日本語  
(30) 優先権データ: 特願2002-41686 2002 年 2 月 19 日 (19.02.2002) JP (74) 代理人: 特許業務法人池内・佐藤アンドパートナーズ (IKEUCHI SATO & PARTNER PATENT ATTORNEYS); 〒530-6026 大阪府 大阪市 北区天満橋1丁目8 番30号OAPタワー26階 Osaka (JP).  
(71) 出願人 (米国を除く全ての指定国について): 日東電工株式会社 (NITTO DENKO CORPORATION) [JP/JP]; 〒567-8680 大阪府 茨木市 下穂積1丁目1番2号 Osaka (JP). (81) 指定国 (国内): CN, KR, US.

[続葉有]

(54) Title: POLARIZING PLATE WITH OPTICAL COMPENSATION FUNCTION, AND LIQUID CRYSTAL DISPLAY DEVICE USING THE SAME

(54) 発明の名称: 光学補償機能付き偏光板、及びそれを用いた液晶表示装置



(57) Abstract: A polarizing plate with optical compensation function comprising a polarizing layer and an optical compensation layer, wherein the optical compensation layer includes an optical compensation A-layer containing a stretched polymer film and an optical compensation B-layer containing a cholesteric liquid crystal layer.

(57) 要約:

- 1...POLARIZING LAYER  
2...ABSORPTION AXIS  
3...LONG-AXIS DIRECTION(ROLL DIRECTION)  
4...OPTICAL ANISOTROPIC LAYER A  
5...DELAY PHASE AXIS

偏光層と光学補償層とを含む光学補償機能付き偏光板であって、前記光学補償層が、延伸高分子フィルムを含む光学補償A層及びコレステリック液晶層を含む光学補償B層を含む光学補償機能付き偏光板を提供する。